

Appl. No. 10/822,370; Filed April 12, 2004
Amendment Dated September 21, 2007
Reply to Office Action of August 9, 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John Shanklin, et al.

Application No.: 10/822,370

Examiner: T. Saidha

Filing Date: April 12, 2004

Art Unit: 1652

Confirmation No.: 2864

Attorney Docket No.: BSA 04-11

**Title: MUTANT FATTY ACID DESATURASE AND METHODS
FOR DIRECTED MUTAGENESIS**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Sir:

This Amendment is filed in response to the Office Action mailed from the Patent Office on August 9, 2007.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.